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THE  
PLOTTER

CLACKAMAS COUNTY AREA T/S  
USERS GROUP  
NEWS LETTER  
\*\*\*\*

VOLUME 7            \*\*            NUMBER 9

\*\*\*\*\*

SEPTEMBER            1989

EDITED BY:            DICK WAGNER  
CHAIRMAN:            MICHAEL CARVER  
V/CHAIRMAN:            MERLIN RAYMOND  
SECRETARY:            BETTY SCHAFFLER  
TREASURER:            ROD GOWEN  
PR OFFICER:            BOB EVANS  
LIBRARIAN:            GAYLEN BENCH  
\*\*\*\*\*

MEETING

The SEPTEMBER meeting will be:

on: FRI., SEPTEMBER 8, 1989

meeting room open at: 7:00 P.M.

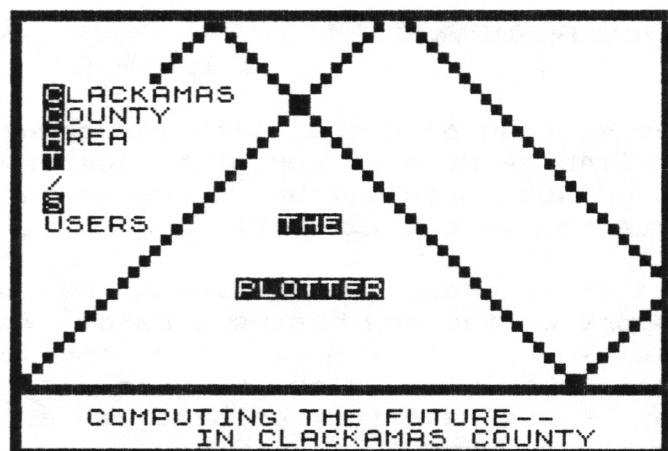
in: COMMUNITY ROOM

FAR WEST FEDERAL S & L  
OREGON CITY SHOPPING CENTER

\*\*\*\*\*

WHAT YOU WILL FIND IN THIS ISSUE

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SECRETARY'S  
SECRETS

CCATS meeting of July 14, 1989 was opened by Mike Carver at 7:30 with 12 members present.

The first order of business was the BY-LAWS. The committee members say that they are corrected and ready to be printed and distributed to the members, possibly at the next meeting. They will be in note-book form

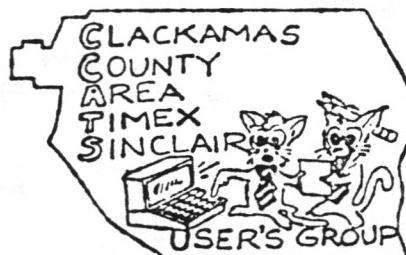
Rod Gowan tells us that there is a lot of information to be received on the BBS and it would be to our advantage to use this service more.

Mr Lewis told of his adventure into the world of WILLARDS in Beaverton. He was able to pick up 2 Z88 Lap-top computers at a very reasonable price. Lewis is interested in machine-code programming on a variety of computers

Dick Wagner mentioned that he would include a list of the membership in a future newsletter.

The meeting was adjourned at 8:30 as there was no further business.

Betty Schaffler, Secretary



# SECRETARY'S

## SECRETS

The meeting of August 11th was opened at 7:45 by Mike Carver with (believe it or not) with all but a few members missing. Great turnout.

The first order of business was a report on the new business cards for the club. It was finally decided that we should use the original card layout and have them printed as soon as possible.

Then there was a discussion about the various problems that some of the members were having with equipment. I will have to leave it to someone else to cover that, because it was a bit too technical for me to keep up.

Mr Lewis told me that the name of the user group that held the swap meet last month was the CPM group.

If anyone has heard anything about the SNUG group let us hear from you. Rod Gowan says he has been trying to get in touch with them but with no success.

Mike Carver is looking for a project that he can work on with Syd Wyncoop.

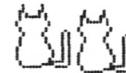
Dick Wagner is working on a library of programs for the 1k-DOS that he has on the Olinger system, there is quite a bit of work involved, but he feels sure it will be ready soon.

Then there was a rather long talk about the problems of downloading information from the BBS's. Again I will leave it to someone else to report in more detail.

A new member Dan Long is interested in putting his T/S 1000 to use in his photography business.

The meeting was adjourned.

Your secretary,  
Betty Schaffler

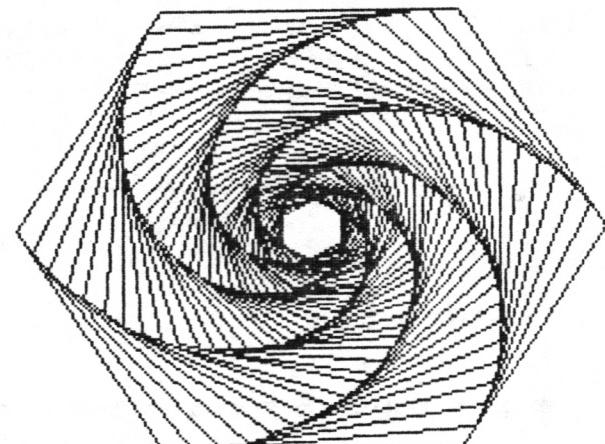


## SPIRAL

Dick F. Wagner

Here is a program that generates a nice spiral on the screen. To get a good symetrical screen dump use the Stan Lemke's PRINTER program in the Jan. 1989 issue of UP DATE magazine (our library has a copy if you don't subscribe). It won't be exactly symetrical because the formulas do not produce an exactly symetrical shape but it is close. The COPY command will give a squashed image. By adjusting the formulas it may be possible to reduce the width by the amount the printed image is off.

```
15 CLS
20 LET c=COS (PI/3)
30 LET s=SIN (PI/3)
40 LET c1=COS (PI/36)
50 LET s1=SIN (PI/36)
60 LET sf=.95
70 LET x=95
80 LET y=0
90 LET cx=130
100 LET cy=88
110 LET sc=1.16
120 FOR j=1 TO 43
130 FOR i=0 TO 6
140 LET sx=x*sc+cx
150 LET sy=cy+y
160 IF i=0 THEN GO TO 190
170 PLOT sx1,sy1
180 DRAW (sx-sx1),(sy-sy1)
190 LET sx1=sx: LET sy1=sy
200 LET xn=x*c-y*s
210 LET y=x*s+y*c
220 LET x=xn
230 NEXT i
240 LET xn=sf*(x*c1-y*s1)
250 LET y=sf*(x*s1+y*c1)
260 LET x=xn
270 NEXT j
280 STOP
290 SAVE "SPIRAL"
```



## BITS & BYTES

by: ROD GOWEN

Heard any TS related news lately? Did you get any information in the mail from other users, user groups, or vendors that may be of interest to our readers? If so, why not share it with us? We need all of the help that we can get. Please send any info that you might have to: Rod Gowen, C/O CCAT/S, 1419 1/2 7th Street, Oregon City, OR 97045, or, phone in at: 503/655-7484, NOON - 10 PM weekdays. I know that the entire user group will appreciate it!

### SINCLAIR USERS UNITE! ECHO-

IS on the national FidoNet backbone! We now have a real good chance at keeping our NATIONAL SINCLAIR ELECTRONIC NETWORK. The home of the SINCLAIR USERS UNITE! ECHO is THE BULL PEN BBS at (503) 652-5803, 8/1/N, 300-2400 BPS 24 hours. We welcome all callers to check in and see what is going on. Once you see what is going on, we are sure that you will want to get a local BBS in your area that carries Fido to pick up the Echo for you. That way you will not have to phone long distance to get in on the latest news and information of the TS world. If you need further information, please feel free to phone and ask!

### ONLINE ELECTRONIC NEWSLETTER-

We now have an ELECTRONIC magazine for TS users! Greg Popovich, of the New Jersey area, is publishing one on his BBS and it is now being sent out via the file area on the BBSs that are carrying the SINCLAIR USERS UNITE! ECHO. Be sure to look for TSNEWS, as it is being called. We are going to be reprinting these newsletters in THE PLOTTER as they appear online. The first issue, published Feb. 1989, is being run in this issue. The second issue, sent out in August (fresh!) will be reprinted in our next issue. If you or your group is currently publishing a newsletter, one of the ideas behind this new venture is to distribute news and information quickly and to make it available for your group to use in your newsletter. Just be sure to reprint it with all appropriate credit lines.

### WRITERS WANTED-

As we have just told you in the previous news-note, we have a new electronic newsletter. The editor, Greg Popovich, is doing most of the work himself at this point and is looking for some good folks who would like to write and submit a small article, review or whatever so that he can put out a larger newsletter and save some labor. I am afraid that, if he does not get some contributions, we are likely to see this worthy project die a death after an all-too-short life! What say we all get behind this new undertaking? Let's spread the word!

### RMG ENTERPRISES-

says that response to the disk based catalog and RMG Updates is starting to pick up steam. The limitations place on this idea due to the single format availability. This format was chosen because of the fact that the Larken LK DOS seems to be the fastest growing DOS for the 2068 to date. If anyone is interested in this new catalog, just give them a call at: 503/655-7484 Noon-10PM Pacific - Tue-SAT.

### TDM MAGAZINE-

as far as we know, has not published anything since Vol. 5, No. 1, which was delivered to some folks in May, both by mail and at the CapitolFest. No one has heard a word out of them since. Most advertisers we have spoken to have given it up as a "lost" cause at this point. We have had dozens of calls and letters concerning what is going on with them and we cannot do much to help. We are always sorry to see one of our supporters go "by the wayside", but we are afraid that this has happened.

### UPDATES MAGAZINE-

1317 STRATFORD AVENUE, PANAMA CITY, FL 32404 \* 901/871-3556. This is now THE BEST TS magazine on the market! Bill Jones, editor and publisher, is looking for some writers who would like to be published. Give him a call if you have an idea for an article, a program you have written and would like to put into the public domain, a book or software review or if you just want to shoot the breeze for a few minutes. Bill will be happy to hear from you. He can also tell you how to subscribe! If you have not heard of UPDATES, this magazine covers ALL Sinclair computers, from the ZX81 to the Z88.

**The Timex Sinclair Electronic NewsLetter****\*\*\*\*\* For the Timex Sinclair Computer Enthusiast \*\*\*\*\*****"All the news that fits, we print!"**

TSEN is published by The WYSIWYG RBBS for the development and support for the Timex/Sinclair computers. CopyRight 1989.  
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The contents of the articles contained here are not our responsibility, nor do we necessarily agree with them.

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**EDITORIALS & OTHER STUFF**

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Welcome to the first issue of the Timex/Sinclair Electronic NewsLetter. As it stands right now this Electronic Publication will be published once a month. I hope to have some people contributing to the NewsLetter (that I do not have to spend all my time writing articles). If you are interested in having a article published in this Newsletter just upload you article in ASCII text, formatted in 63 columns. There is no limit to what you can type bout. Whether it be for a ZX-81 or Cambridge Z88. The last day for articles is the SECOND to LAST day of the month and the release date is the first of the month. If your system is linked to the TIMEX echo on FidoNet (once we get on the BackBone) you will be recieving this NewsLetter at NO COST. Just leave me your node ID for free delivery. If you are not a mail system you can recieve it from here at the WYSIWYG RBBS system whether it be FREQ or just be DL'ing it. I will try to keep the size of the NWS file to within accessable size by a Timex computer (under 25K). If we receive a large enough response (in supply of articles) we will go Bi-Monthly.

Well I hope you will enjoy this Newsletter and help contribute to it's growth. If you have any questions or reccomendations please submit them to me:

**Greg Popovich**  
The W.Y.S.I.W.Y.G. RBBS  
(201)956-7703 (BBS)  
(201)956-1556 (voice)  
FidoNet 1:107/564  
RBBSNet 8:950/7

**Thank You,**  
**Greg Popovich**

## ARTICLES

## LARKEN MAXCOM

A review by Greg Popovich

It has finally happened! Fellow LKDOS users, it has finally come to pass that the 2068 has finally gotten not only a terminal program BUT a BBS that will bring us into the 90's!!! What would you say to a terminal program that will handle both the Z-S10 AND the 2050. Either receive or send a file up to 110K DIRECTLY TO DISK. Have a 64 column display that CAN handle 1200 baud without losing characters. Can move either headerless (TSXmodem/Mterm2) or header type(Specterm 64) files whether they be Basic or Code. With a choice of 128, 512 OR 1024 byte block protocol(Checksum). And, ALSO display IBM Hercules(Monochrome)graphics! AND has a BBS built right in! You'd say I must be dreaming! WRONG! It is TRUE! It is REAL! I couldn't believe it myself. Being a seasoned modemer and BBS sysop I've gotten used to using Telix on my Clone to get around the BBS world. I've used all of the terminal programs that are available for all of the Timex's, and IBM & Clones. My tastes for terminal programs are sweet. I judge a program not only on how it looks, but on how well it performs and ease of operation. MAXCOM has it ALL! MAXCOM consists of 2 large Basic programs (one for the 2050 and one for the Z-S10) as well as a 7K code file. When loaded it will display a Main Menu. From there you can go to the Terminal Mode or run the BBS. Also from this menu you receive and send files, select Xmodem packet size, load the BBS message base, Catalog a drive, toggle duplex, set the modem parameters, close or open the buffer (write to disk also!), dial the modem, and hangup the phone. You can, in the terminal mode, send the full ASCII control character table to the other computer from ACK to NAK. The terminal mode has a 64 column display that you can read without eyestrain. You also have a status bar at the top of the screen telling you your setup and whether or not you are online. Also, an added feature is that you can access up to 4 MacroKeys that you can utilize.

The BBS.....

Being a Sysop of a BBS (I use RBBS on a Clone). I can safely say that this BBS is one of the most advanced BBS's for a Timex computer. I once ran one on my 2068 but soon found that 64K, 3 800K, 1 400K floppies and 256K of Ramdisk wasn't cutting it for me. I started with TinyBoard and worked my way up to Casboard. I also ran modified versions of Casboard by James Rodlin and myself (don't get me wrong, I still use my 2068! (Like typing in this review) Sometimes I cannot even get on my own BBS!). Well MAXCOM's BBS you can:

Use 300/1200 baud operation  
Have Passwords, Security levels, and Time Limits  
Multiple Messagebases with search  
Downloads, and Uploads without memory constraints  
Help files and Bulletins  
Access to LKDOS from Remote  
Interrupt driven hangup and timeout watchdog  
A userlog of the BBS activity  
Dual Window monitor screen  
Can be easily customized and expanded

Some of the features until now you only saw on the Big Blue boards. Like the Watchdog and access to DOS. You can even use the IBM ASCII set to setup your opening screen and Bulletins! You do have to do some customizing to start it up, like let it know how many drives you have. But for the most part not much has to be done to be on the air in under an hour. To assist you in setting up the BBS, Larry included an Editor to setup your screens and a deluxe file manager that can MOVE individual files to different disks (a value in itself). The error trapping is the most advanced feature of the BBS. MAXCOM uses 2 interrupt traps to trap almost anything that a user can do to crash a BBS (like dropping carrier to falling asleep behind to console).

If an error occurs the interrupt routines will correct it by entering RUN 9230 (just as if you typed it in yourself) to reboot the system. These routines can handle lost carrier, timeout, timeup and Basic crashes. The operation of the BBS is simple to both the Sysop AND the User. This BBS comes a long way from the days of 1 messagebase, 20 messages Board and 300 baud only operation. For the \$25.00 you get more than your moneys' worth with this program. This program will work with the straight LKDOS system or LKDOS compatable setups. I've thoroughly tested MAXCOM and found it to be 100% bugfree (but a few minor misspellings). The program is available from:

Larken Electronics  
RR #2, Navan, Ontario, Canada K4B 1H9  
(613)835-2680

RMG Enterprises  
1419 1/2 7th Street, Oregon City, OR 97045 (503)655-7484 Noon-10PM  
Pacific Time \* Tue-Sat

Ed Grey  
P. O. Box 2186, Inglewood, CA 90305  
(213)759-7406

For more information, call or write your favorite dealer at the above numbers or addresses, or myself at:

Greg Popovich  
C/O The W.Y.S.I.W.Y.G. RBBS FidoNet 1:107/564  
147 N7th Street, Paterson, NJ 07522  
(201)956-1556 (Voice) (201)956-7703 (BBS 8-1-N 300/1200/2400 BPS)

**MTERM II POKEs****=====**

Here are a couple of pokes to make MtermII just a tad faster in the dialing department.

POKE 54835,85  
POKE 54836,5  
POKE 54846,5  
POKE 54847,3  
POKE 54856,30  
POKE 54857,42

**IS SNUG DEAD?****=====**

By now you may have heard of SNUG AKA the Sinclair North American Users Group. It is being started by a gentleman in Florida who goes by Mel Nathanson. Well a couple of weeks ago I decided to give Mel a call as to what is happening with SNUG. Well here is the poop it isn't dead! What has transpired in the past couple of months is that Mel has been carrying the load all by himself. That is one of the reasons that responses have been slow. Several other things that had happened is the proposal by Bill Jones (UpDate Magazine) to give UpDate to SNUG plus the finances to publish 1 edition, and the formation of the SNUG Software Library. I am currently waiting for some more word from Mel as to what is happening with SNUG. For the time being please be patient. There is more to come!

Greg Popovich

**FidoNet TIMEX ECHO****=====**

Well after some hemming and hawing I finally got off my butt and am now in the process of getting the TIMEX EchoMail Conference onto the FidoNet BackBone. I have currently 7 systems who are interested in receiving the echo. What this means to you the T/S user is that you can talk to the people who know much about the T/S computer whether it be a ZX-81 or a Cambridge Z88 Laptop. I'm really hoping that this takes off and gets some of those 2050 modems out of the closet and start keeping the T/S computers alive. On March 12, 1989 I will be demonstrating to the Long Island Sinclair Timex Users Group meeting Larry Kenny's MAXCOM for LKDOS. While also at the same time letting LIST see for themselves that there is support for the T/S computers in the world of Telecommunications. So if your interested in seeing more of the conference talk to your local FidoNet Sysop or if you cannot find one drop me a message on my BBS or call voice after 8PM and no later than 10PM EST and we will see what we can do for you. Also any system that receives the echo will get the Timex Sinclair Electronic NewsLetter at NO COST. This is a monthly Electronic Newsletter published in the interest of the Timex Sinclair computer user.

Greg Popovich

=====  
FOR - SALE  
=====

YOUR AD CAN BE PLACED HERE!

=====  
WANTED  
=====

PICTURE YOUR ADS IN THIS SPACE!

=====  
BBS LIST  
=====

BBS's that support Timex/Sinclair computers

The W.Y.S.I.W.Y.G. RBBS	8/1/N	(201)956-7703	3/12/2400
The GREY MATTER BBS	8/1/N	(213)971-6260	3/1200
The Kings Market BBS	8/1/N	(303)665-6091	3/12/2400
P.D.S.E.	8/1/N	(415)571-6911	3/1200
The Bull Pen	8/1/N	(503)652-5803	3/12/2400

If you know of a BBS which supports T/S computers no matter how big or how small we would like to know of it's existance.

=====  
CALENDAR  
=====

Calendar of Events

May 5, 1989

CATS T/S Fest in Maryland

Aug 24, 1989

Voyager 2 passes Neptune.

If you have something which you would like to see on this

FROM THE  
EDITOR'S DESK

This issue is a bit different with the addition of an electronic newsletter. I have mixed feelings about devoting so much space to one feature. You will notice the equivalent space of about 1 page in empty space. It was left this way so the reader could see how the pages are made up. Future ENL's should be edited more closely to correct spelling and to eliminate waste space. I wonder if long features like this will produce zero input from members (it is near that now). Let's discuss it at a meeting and see what members think.

Recently my wife and I had a nice visit with the Ass't Editor of TD Magazine. Stephanie asasured me that the magazine was viable and well. The major problem is that a "1 man" business has to be set aside because of trying to make a living, and to devote a lot of time to running other "family" business to keep from loosing the value of his father's estate. For sure this lapse of issuing current editions of the magazine will hurt renewal of subscriptions, assuming subscribers start receiving the magazine again.

-NOTICE-

Opinions expressed in articles are not necessarily those of members of the Clackamas County T/S User Group. Meeting minutes carry the consensus of members present at meeting. This newsletter nor staff will not be held liable for any damage or consequences due to following instructions, or review of products as contained in this newsletter.

SUBSCRIPTION RATES

FREE SUBSCRIPTION WITH PAID  
CCAT/S MEMBERSHIP-\$20.00/YR

PLACE YOUR AD HERE

AD RATES

\*\*\*\*

1 FOUR LINE CLASSIFIED FREE  
WITH MEMBERSHIP

\$ .50 / LINE  
\$ 5.00 / 1/4 PAGE  
\$ 8.00 / 1/2 PAGE  
\$ 15.00 / FULL PAGE

ALL AD COPY MUST BE IN BY  
THE 10TH OF THE MONTH PRIOR  
TO THE MONTH AD IS TO RUN.

10

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Oregon City, OR 97045

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